



LAHIVE  
&  
COCKFIELD  
L L P

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
RALPH A. LOREN  
GIULIO A. DeCONTI, JR.  
ANN LAMPORT HAMMITE  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
PETER C. LAURO  
DEBRA J. MILASINCIC, Ph.D.  
DAVID J. RIKKERS  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER  
MEGAN E. WILLIAMS, Ph.D.

LISA M. DIROCCO  
HATHAWAY P. RUSSELL \*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.  
VINCENT P. LOCCISANO  
MERIDETH C. ARNOLD  
DANIELLE L. HERRITT  
EUIHOON LEE \*\*

SENIOR COUNSEL  
JAMES E. COCKFIELD

OF COUNSEL  
JEREMIAH LYNCH  
WILLIAM A. SCOFIELD, JR.  
SIBLEY P. REPPERT  
JEANNE M. DIGIORIO  
CYNTHIA L. KANIK, Ph.D.

PATENT AGENTS  
THEODORE R. WEST  
CYNTHIA M. SOROS  
PETER W. DINI, Ph.D.  
JONATHAN M. SPARKS, Ph.D.

TECHNICAL SPECIALISTS  
CATHERINE M. BISHOP  
JACOB G. WEINTRAUB  
CRISTIN E. HOWLEY, Ph.D.  
JILL ANN MELLO, Ph.D.  
DEBORAH L. NAGLE, Ph.D.

\* Admitted in TX only  
\*\* Admitted in CT only

Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

May 30, 2003

COPY RECEIVED  
JUN 06 2003  
TECH CENTER 1600/2900

Re: U.S. Patent Application Serial No. 09/689,992  
Title: RNA INTERFERENCE PATHWAY GENES AS TOOLS  
FOR TARGETED GENETIC INTERFERENCE  
Inventors: MELLO, Craig C., *et al.*  
Filed: October 13, 2000  
Attorney Reference No.: UMG-052 (formerly 07917-105001/UMMC 00-04)

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Sequence Listing (20 pages);
2. Diskette containing Sequence Listing;
3. Transmittal Letter for Diskette Containing Sequence Listing; and
4. Return postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

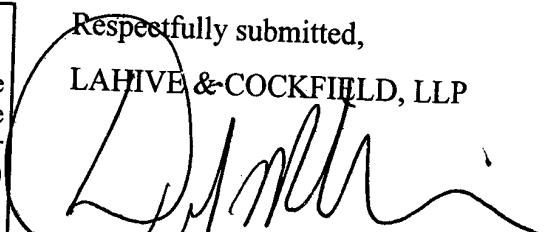
May 30, 2003

Date

Debra J. Milasincic, Esq. Registration No. 46,931

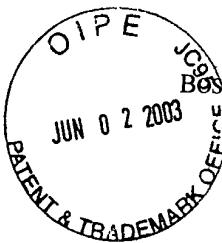
Respectfully submitted,

LAHIVE & COCKFIELD, LLP

  
Debra J. Milasincic, Esq.  
Registration No. 46,931  
Attorney for Applicants

1637

**LAHIVE**  
**&**  
**COCKFIELD**  
 L L P



COUNSELLORS AT LAW  
 28 STATE STREET  
 BOSTON, MASSACHUSETTS 02109-1784  
 TELEPHONE (617) 227-7400  
 FAX (617) 742-4214  
 lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
 THOMAS V. SMURZYNSKI  
 RALPH A. LOREN  
 GIULIO A. DeCONTI, JR.  
 ANN LAMPORT HAMMITTE  
 ELIZABETH A. HANLEY  
 AMY BAKER MANDRAGOURAS  
 ANTHONY A. LAURENTANO  
 KEVIN J. CANNING  
 JANE E. REMILLARD  
 DeANN FORAN SMITH  
 PETER C. LAURO  
 DEBRA J. MILASINCIC, Ph.D.  
 DAVID J. RIKKERS  
 DAVID R. BURNS  
 JOHN S. CURRAN  
 SEAN D. DETWEILER  
 MEGAN E. WILLIAMS, Ph.D.

LISA M. DIROCCO  
 HATHAWAY P. RUSSELL \*  
 MARIA LACCOTRIPE ZACHARAKIS, Ph.D.  
 VINCENT P. LOCCISANO  
 MERIDETH C. ARNOLD  
 DANIELLE L. HERRITT  
 EUIHOON LEE \*\*

SENIOR COUNSEL  
 JAMES E. COCKFIELD

OF COUNSEL  
 JEREMIAH LYNCH  
 WILLIAM A. SCOFIELD, JR.  
 SIBLEY P. REPPERT  
 JEANNE M. DIGIORGIO  
 CYNTHIA L. KANIK, Ph.D.

PATENT AGENTS  
 THEODORE R. WEST  
 SHAYNE Y. HUFF, Ph.D.  
 CYNTHIA M. SOROS  
 PETER W. DINI, Ph.D.  
 JONATHAN M. SPARKS, Ph.D.

TECHNICAL SPECIALISTS  
 CATHERINE M. BISHOP  
 JACOB G. WEINTRAUB  
 CRISTIN E. HOWLEY, Ph.D.  
 JILL ANN MELLO, Ph.D.  
 DEBORAH L. NAGLE, Ph.D.

\* Admitted in TX only

\*\* Admitted in CT only

**RECEIVED**

May 30, 2003

JUN 05 2003

TECH CENTER 1600/2900

Commissioner for Patents  
 P.O. Box 1450, Alexandria  
 Virginia 22313-1450

Re: U.S. Patent Application No.: 09/689992  
 For: *RNA INTERFERENCE PATHWAY GENES AS TOOLS FOR GENETIC INTERFERENCE*  
 Inventors: Mello, Craig C., et al.  
 Filed: October 13, 2000  
 Our Ref. No.: UMG-052

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Supplemental Information Disclosure Statement (2 pages);
2. PTO Form 1449 (1 page);
3. Copies of references cited in PTO Form 1449 (17);
4. A copy of the International Search Report; and
5. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement. However, please charge any other necessary fees due in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

May 30, 2003  
 Date

Debra J. Milasincic, Esq. Reg. No. 46,931

Respectfully submitted,  
**LAHIVE & COCKFIELD, LLP**

Debra J. Milasincic, Esq.  
 Registration No. 46,931  
 Attorney for Applicants